



59SW1-2

See Page 3 for MIL-STD Array

Features

- **SOLID STATE KEYS -- GIVE GREATER RELIABILITY AND LONGER LIFE**
- **STOCK KEYBOARD -- FOR "OFF THE SHELF" AVAILABILITY**
- **CODE ASSIGNMENT -- MILITARY STANDARD CODE FOR INFORMATION INTERCHANGE (MSCI) --
PER MIL-STD-1280, Type I, Class 1 Array**

A new generation in keyboards is here with this completely solid state keyboard. The only moving part in the keyboard is the switch plunger. To be sure that this part meets the reliability of the rest of the keyboard, we made it from extremely durable plastic with a large bearing surface.

An integrated circuit just 0.040-inch square, actuated by a magnet, uses the Hall effect to produce an analog control voltage. Hall voltage is converted into a digital output with a trigger circuit, amplified, and fed into the encoding matrix of our keyboard.

The switch outputs are extended to integrated circuit encoding packs which provide an eight bit output. (Eighth bit is odd parity.) The keyboard may be interfaced to your equipment with a standard card edge connector.

This keyboard also includes our two-key rollover

option which is an electronic interlock. This option permits typing at "burst" speeds without generating a system error. It blocks the strobe signal to prevent reading of the data bits during the time that two keys are operated. A strobe output is provided which "tells" the system that data is present and ready to be read. Since the solid state switch has a bounce-free output, a delay in the strobe is not required.

For operator convenience, a shift lock key feature maintains the keyboard in the shifted mode. This key is a two-level alternate action switch and all circuitry necessary to maintain shift is self-contained within the keyboard. The two-level key also gives the operator a visual indication of which mode the keyboard is in.

A very short delivery time is possible since the keyboards are built and in stock, ready for your order.

MICRO SWITCH

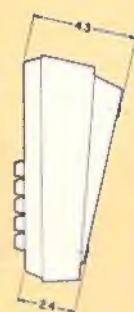
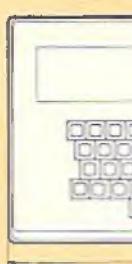
FREERPORT, ILLINOIS 61032

A DIVISION OF HONEYWELL

IN CANADA: 740 ELLESMORE ROAD, SCARBOROUGH, ONTARIO

ENCLOSURE

The enclosure cover is dark gray high strength ABS (Acrylonitrile-Butadiene-Styrene) and the base is light gray cast aluminum alloy. Keyboard may be purchased without enclosure.



Ordering Information

Contact your nearest MICRO SWITCH branch office and a Field Engineer will be glad to work with you in satisfying your keyboard requirements: proper selection, pricing, and delivery scheduling. These experienced keyboard experts will provide sound and practical answers to your needs.

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